<u>YIIIIU</u> NOTES

- SEE GENERAL NOTES PLAN SHEET FOR ADDITIONAL NOTES.
- ALL WATER AND SEWER INSTALLATION IS TO BE IN ACCORDANCE WITH THE TOWN OF BLACKSBURG'S STANDARDSAND SPECIFICATIONS.
- CONTRACTOR SHALL COORDINATE THE RELOCATION OF ALL EXISTING UTILITIES WHICH ARE IN CONFLICT WITH PROPOSED IMPROVEMENTS.
- EXISTING UTILITY SERVICE IS TO BE MAINTAINED AT ALL TIMES.
- ALL EXISTING MANHOLES, VALVE BOXES, METER BOXES, ETC. AFFECTED BY GRADING ACTIVITIES SHALL BE ADJUSTED TO FINAL GRADE.
- ALL WATER LINES SHALL HAVE A MINIMUM COVER OF 4 FEET.

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- CONTRACTOR SHALL CONFIRM THE ANGLES AT WHICH EXISTING SEWER LINES PROPOSED MANHOLES. AND LATERALS
- CONTRACTOR SHALL VERIFY THE INVERTS AND PIPE SIZES OF ALL EXISTING SEWER LINES AND LATERALS CONNECTING TO PROPOSED MANHOLES.
- INVERT SHAPING IS REQUIRED ON ALL SANITARY SEWER MANHOLES.
- ALL BACKFLOW PREVENTERS SHALL BE INSTALLED INSIDE PROPOSED BUILDINGS IN ACCORDANCE WITH THE OF BLACKSBURG'S CROSS—CONNECTION CONTROL AND BACKFLOW PREVENTION REGULATIONS. SEE ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION. TOWN
- CONTRACTOR TO COORDINATE THE INSTALLATION/CONSTRUCTION OF OFF-SITE SANITARY SEWER IMPROVEMENTS BE INSTALLED/CONSTRUCTED BY THE TOWN OF BLACKSBURG.

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- ALL PIV'S TO BE INSTALLED ON EXTERIOR WALLS OF PROPOSED BUILDINGS DIRECTLY ABOVE FIRE SUPPRESSION LINE ENTRY POINT. SEE ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.
- WHERE SERVICE TAPS ARE MADE BELOW AN ELEVATION OF 2100 FEET THE PROVISIONS OF THE UNIFORM STATEWIDE BUILDING CODES ARE TO APPLY.

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- ALL UTILITIES WILL BE VISUALLY INSPECTED BY THE TOWNS INSPECTOR PRIOR TO BACKFILLING TRENCHES OR AROUND MANHOLE STRUCTURES.
- 15. THE CONTRACTOR SHALL PLUG WITH AN ANGLE WING NUT TEST PLUG THE CONNECTION OF PROPOSED TO EXISTING SANITARY SEWER PRIOR TO EXTENDING THE SANITARY SEWER. THE PLUG SHALL BE MAINTAINED IN PLACE UNTIL SUCH TIME AS THE SEWER IS COMPLETED, INSPECTED AND ACCEPTED BY THE TOWN. FAILURE OF THE CONTRACTOR TO APPROPRIATELY INSTALL AND MAINTAIN THIS PLUG SHALL CAUSE HIM TO BE LIABLE FOR ANY RESULTING BLOCKAGES OR REPAIRS TO THE EXISTING SEWER.
- SANITARY SEWER LATERALS SHALL BE 6 INCH MINIMUM DIAMETER.
- ALL SANITARY SEWER AND LATERAL PIPE SHALL BE SDR-35 PVC.
- MINIMUM SANITARY SEWER LATERAL SLOPE SHALL BE 2%.

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- THE LOWEST FLOOR ELEVATION TO BE SERVED BY THE PROPOSED SANITARY SEWER IMPROVEMENTS IS 2092.60.
- TRAPS SHALL BE A MINIMUM 1,000 GALLON AND H20 LOAD RATED.

 SIZE WITH ARCHITECT PRIOR TO ORDERING / INSTALLING. CONTRACTOR TO VERIFY
- 21 EXISTING GROUND LINE ELEVATIONS ARE APPROXIMATE ONLY. CONTRACTOR SHALL VERIFY MANHOLE DEPTHS AND LOCATIONS BY FIELD STAKING PRIOR TO ORDERING MATERIALS.
- THIS PROJECT DOES NOT LIE WITHIN A FEMA DESIGNATED 100-YEAR FLOODPLAIN.
- CONTRACTOR SHALL TRENCH GRAVITY SEWER AND WATER MAINS PER TOWN OF BLACKSBURG STANDARDS AND SPECIFICATIONS.

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- 24. SEWER LATERAL CONNECTIONS AT MANHOLES SHALL MATCH CROWNS WITH THE SEWER MAINS UNLESS OTHERWISE NOTED.
- PLUMBING SHALL CONFORM TO THE UNIFORM STATEWIDE BUILDING CODE AND ALL OTHER LOCAL CODES AND ORDINANCES.

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- 27. 26. ALL EXISTING UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE AND DO NOT REPRESENT ALL UNDERGROUND UTILITIES. PRIOR TO EXCAVATION AND BORINGS, THE CONTRACTOR SHALL CONTACT "MISS UTILITY" (1—800—552—7001) TO HAVE ALL UNDERGROUND UTILITIES LOCATED AND MARKED. CHAMBERS OR PITS CONTAINING VALVES, BLOWOFFS, METERS OR OTHER APPURTENANCES TO THE DISTRIBUTION SYSTEM SHALL BE DRAINED TO THE SURFACE OF THE GROUND WHERE THEY ARE NOT SUBJECT TO FLOODING BY SURFACE WATER OR TO ABSORPTION PITS LOCATED ABOVE THE SEASONAL GROUNDWATER TABLE ELEVATION. SUMP PUMPS MAY BE USED WHERE OTHER MEANS ARE NOT PRACTICABLE.
- REMOVAL AND DISPOSAL OF EXISTING STRUCTURES SHALL BE IN ACCORDANCE WITH SECTION 104.05 OF THE 2001 VDOT ROAD AND BRIDGE SPECIFICATIONS EXCEPT THE WORD ENGINEER SHALL BE CHANGED TO OWNER.

CONTRACTOR SHALL MAINTAIN UTILITY SERVICE TO ALL EXISTING CUSTOMERS THROUGHOUT CONSTRUCTION. THIS MAY REQUIRE TEMPORARY CONNECTIONS AND/OR RELOCATION OF EXISTING SERVICE LINES AND METERS.

- EXISTING IMPROVEMENTS THAT ARE REMOVED OR DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
- THE TOWN WILL TAP EXISTING WATER LINES AND PROVIDE AND INSTALL THE METER AT THE OWNER'S EXPENSE. ELEVATION.

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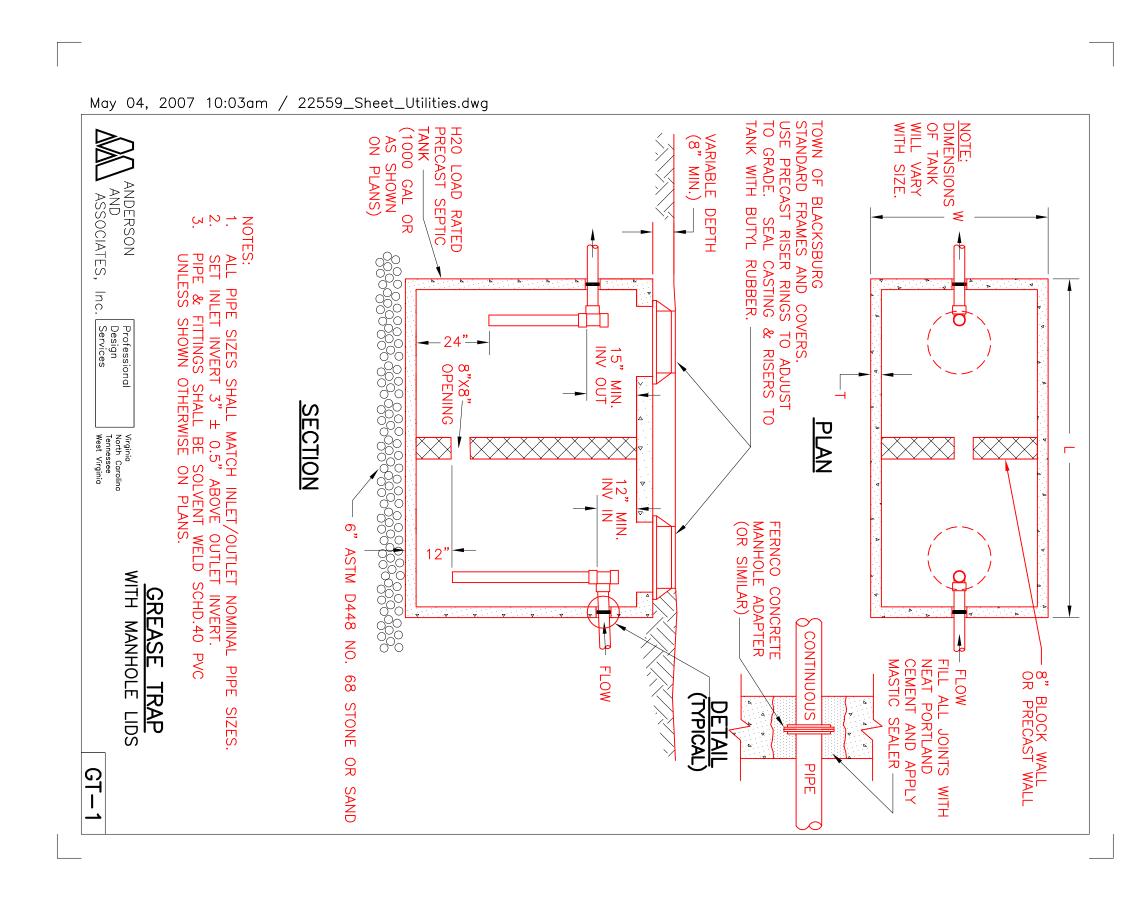
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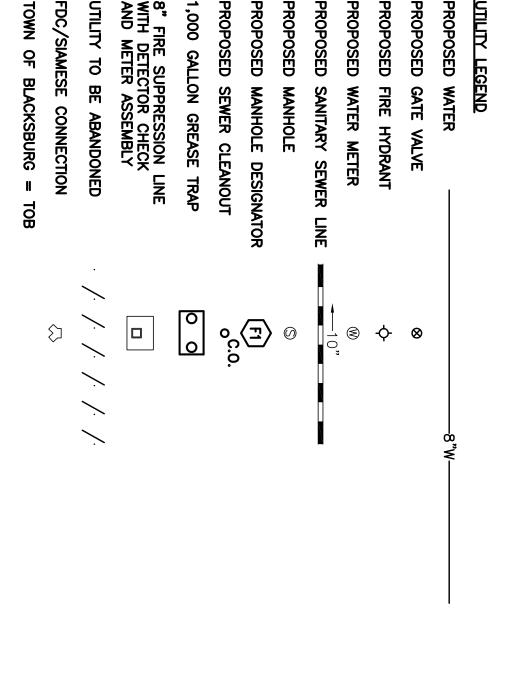
- UNDER NO CIRCUMSTANCES SHALL UTILITY SERVICE BE INTERRUPTED WITHOUT PRIOR AUTHORIZATION FROM AND COORDINATION WITH THE UTILITY OWNER.
- ALL UTILITIES WILL BE VISUALLY INSPECTED BY THE TOWN'S INSPECTOR PRIOR TO BACKFILLING TRENCHES OR AROUND MANHOLE STRUCTURES.
- BACKFLOW PREVENTERS TO BE PROVIDED BY CONTRACTOR.

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